***	X	CRF Errors Corrected by the STIC Systems Branch CRF Processing Pate: ///6/2000
n .	Serial*N	Changed a file from non-ASCII to ASCII
		Changed the margins in cases where the sequence text was "wrapped" downstrate next line.
		Edited a format error in the Current Application Data section, specifically: DEC 0 4 2000
		Edited the Current Application Data section with the actual current number 15th control of the applicant was the prior application data; or other
		Added the mandatory heading and subheadings for "Current Application Data".
		Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
		Changed the spelling of a mandatory field (the headings or subheadings), specifically:
		Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
		Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
		Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
		Inserted colons after headings/subheadings. Headings edited included:
		Deleted extra, invalid, headings used by an applicant, specifically:
		Deleted: non-ASCII "garbage" at the beginning/end of files secretary initials/filename at end of files page numbers throughout text; other invalid text, such as
		Inserted mandatory headings, specifically:
		Corrected an obvious error in the response, specifically:
		Edited identifiers where upper case is used but lower case is required, or vice versa.
1		Corrected an error in the Number of Sequences field, specifically:
[A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
[Deleted ending stop codon in amino acid sequences and adjusted the *(A)Length:* field accordingly (error due to a Patentin bug). Sequences corrected:
		Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING DATE: 11/13/2000 PATENT APPLICATION: US/09/509,591 TIME: 10:31:59

Input Set : A:\Pto.amc

Output Set: N:\CRF3\11132000\1509591.raw

SEQUENCE LISTING

```
3 (1) GENERAL INFORMATION:
             (i) APPLICANT: Little, Andrew
      6
                            Lamparski, Henry
                            Schuur, Eric
                             Henderson, Daniel
            (ii) TITLE OF INVENTION: ADENOVIRUS VECTORS SPECIFIC FOR CELLS
     1.0
                                     EXPRESSING ALPHA-FETOPROTEIN AND METHODS OF USE THEREOF
     11
     1.3
           (iii) NUMBER OF SEQUENCES: 23
     1.5
            (iv) CORRESPONDENCE ADDRESS:
     16
                  (A) ADDRESSEE: MORRISON & FOERSTER
                  (B) STREET: 755 PAGE MILL ROAD
     17
                  (C) CITY: PALO ALTO
     1.8
     19
                  (D) STATE: CA
     20
                  (E) COUNTRY: USA
     21
                  (F) ZIP: 94304-1018
             (V) COMPUTER READABLE FORM:
     23
     24
                  (A) MEDIUM TYPE: Floppy disk
                  (B) COMPUTER: IBM PC compatible
     26
                  (C) OPERATING SYSTEM: PC-DOS/MS-DOS
                  (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
     27
     29
            (vi) CURRENT APPLICATION DATA:
    30
                  (A) APPLICATION NUMBER: US/09/509,591
C--> 31
                  (B) FILING DATE: 02-Jun-2000
                  (C) CLASSIFICATION:
     32
     34
           (vii) PRIOR APPLICATION DATA:
     35
                  (A) APPLICATION NUMBER: PCT/US98/04084
     36
                  (B) FILING DATE: 03-MAR-1998
          (vili) ATTORNEY/AGENT INFORMATION:
     38
     39
                  (A) NAME: POLIZZI, CATHERINE M.
     40
                  (B) REGISTRATION NUMBER: 40,130
                  (C) REFERENCE/DOCKET NUMBER: 348022000420
     4.1
            (ix) TELECOMMUNICATION INFORMATION:
     43
     44
                  (A) TELEPHONE: (650) 813-5600
     45
                  (B) TELEFAX: (650) 494-0792
     46
                  (C) TELEX: 706141 MRSNFOERS SFO
       (2) INFORMATION FOR SEQ ID NO: 1:
     48
             (i) SEQUENCE CHARACTERISTICS:
     50
     51
                  (A) LENGTH: 822 base pairs
     52
                  (B) TYPE: nucleic acid
     53
                  (C) STRANDEDNESS: single
                  (D) TOPOLOGY: linear
     54
            (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
     56
     58 GCATTGCTGT GAACTCTGTA CTTAGGACTA AACTTTGAGC AATAACACAC ATAGATTGAG
                                                                                 60
    60 GATTGTTTGC TGTTAGCATA CAAACTCTGG TTCAAAGCTC CTCTTTATTG CTTGTCTTGG
                                                                                120
    62 AAAATTTGCT GTTCTTCATG GTTTCTCTTT TCACTGCTAT CTATTTTTCT CAACCACTCA
                                                                                180
    64 CATGGCTACA ATAACTGTCT GCAAGCTTAT GATTCCCAAA TATCTATCTC TAGCCTCAAT
                                                                                240
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DATE: 11/13/2000 TIME: 10:31:59 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/509,591

Input Set : A:\Pto.amc
Output Set: N:\CRF3\11132000\1509591.raw

66 CTTGTTCCAG	AAGATAAAAA	GTAGTATTCA	AATGCACATC	AACGTCTCCA	CTTGGAGGGC	300
68 TTAAAGACCT						360
70 CCTGTAGCAC	ATAGGGTCCT	CTTGTTCCTT	ΛΑΛΛΤΟΤΆΑΤ	TACTTTTAGC	CCAGTGCTCA	420
72 TCCCACCTAT	GGGGAGATGA	GAGTGAAAAG	GGAGCCTGAT	TAATAATTAC	ACTAAGTCAA	480
74 TAGGCATAGA	GCCAGGACTG	TTTCGGTAAA	CTGGTCACTT	TATCTTAAAC	TAAATATATC	540
76 CAAAACTGAA						600
78 CTTTATCCAG	GCCACTTATG	AGCTCTGTGT	CCTTGAACAT	AAAATACAAA	TAACCGCTAT	660
80 GCTGTTAATT	ATTGGCAAAT	GTCCCATTTT	CAACCTAAGG	AAATACCATA	AAG'I'AACAGA	720
82 TATACCAACA	AAAGGTTACT	AGTTAACAGG	CATTGCCTGA	AAAGAGTATA	AAAGAATTTC	780
84 AGCATGATTT	TCCATATTGT	GCTTCCACCA	CTGCCAATAA	CA		822
86 (2) INFORMA	ATION FOR SE	Q ID NO: 2:				
88 (i) Si	QUENCE CHAR	ACTERISTICS	:			
89	(A) LENGTH:	5224 base p	airs			
90	(B) TYPE: nu	cleic acid				
91	(C) STRANDED	NESS: singl	.e			
92	(D) TOPOLOGY	: linear				
94 (xi.) SI	EQUENCE DESC	RIPTION: SE	Q ID NO: 2:			
96 GAATTCTTAG	AAATATGGGG	GTAGGGGTGG	TGGTGGTAAT	TCTGTTTTCA	CCCCATAGGT	60
98 GAGATAAGCA	TTGGGTTAAA	TGTGCTTTCA	CACACACATC	ACATTTCATA	AGAATTAAGG	120
100 AACAGACTAT	r GGGCTGGAGG	ACTTTGAGGA	TGTCTGTCTC	ATAACACTTO	GGTTGTATCT	180
102 GTTCTATGGG	G GCTTGTTTA	AGCTTGGCAA	. CTTGCAACAC	GGTTCACTGA	CTTTCTCCCC	240
104 AAGCCCAAGC	TACTGTCCTC	TTTTCATATC	TGTTTTGGGG	CCTCTGGGGC	TTGAATATCT	300
106 GAGAAAATAS	T AAACATTTCA	ATAATGTTCT	GTGGTGAGAT	GAGTATGAGA	GATGTGTCAT	360
108 TCATTTGTAT	CAATGAATGA	ATGAGGACAA	TTAGTGTATA	AATCCTTAGT	ACAACAATCT	420
110 GAGGGTAGGG	GTGGTACTAT	TCAATTTCTA	TTTATAAAGA	TACTTATTTC	ATUTATTUAT	480
112 TGCTTGTGAG	C AAATGTTTTG	TTCGGGACCA	CAGGAATCAC	: AAAGATGAGI	CTTTGAATTT	540
114 AAGAAGTTAZ	TGGTCCAGGA	ATAATTACAT	AGCTTACAAA	TGACTATGAT	' ATACCATCAA	600
116 ACAAGAGGTT	CCATGAGAAA	ATAATCTGAA	AGGTTTAATA	AGTTGTCAAA	GGTGAGAGGG	660
118 CTCTTCTCTA	A GCTAGAGACT	AATCAGAAAT	ACATTCAGGG	TTTATTAATA	GAATAGACCT	720
120 TAAGGGTTGG	GTACATTTTG	TTCAAGCATT	GATGGAGAAG	GAGAGTGAAT	ATTTGAAAAC	780
122 ATTTTCAACT	T AACCAACCAC	CCAATCCAAC	AAACAAAAAA	TGAAAAGAAT	CTCAGAAACA	840
124 GTGAGATAAC	G AGAAGGAATT	TTCTCACAAC	CCACACGTAT	AGCTCAACTC	CTCTGAAGAA	900
126 GTATATATCT	AATATTTAAC	ACTAACATCA	TGCTAATAAT	GATAATAATI	ACTGTCATTT	960
128 TTTAATGTCT	T ATAAGTACCA	GGCATTTAGA	AGATATTATT	CCATTTATAT	ATCAAAATAA	1020
130 ACTTGAGGGG	ATAGATCATT	TTCATGATAT	ATGAGAAAAA	ΤΤΑΑΛΑΛΟΛΟ	ATTGAATTAT	1080
1.32 TTGCCTGTCA	TACAGCTAAT	AATTGACCAT	AAGACAATTA	GATTTAAATT	AGTTTTGAAT	1140
134 CTTTCTAATA	CCAAAGTTCA	GTTTACTGTT	CCATGTTGCT	TCTGAGTGGC	TTCACAGACT	1200
136 TATGAAAAA	TAAACGGAAT	CAGAATTACA	TCAATGCAAA	AGCATTGCTG	TGAACTCTGT	1260
138 ACTTAGGACT	P ANACTTTGAG	CAATAACACA	CATAGATTGA	GGATTGTTTG	CTGTTAGCAT	1.320
140 ACAAACTCTC	GTTCAAAGCT	CCTCTTTATT	GCTTGTCTTG	GAAAATTTGC	TGTTCTTCAT	1380
142 GGTTTCTCTT	TTCACTGCTA	TCTATTTTC	TCAACCACTC	ACATGGCTAC	AATAACTGTC	1440
144 TGCAAGCTTA	TGATTCCCAA	ATATCTATCT	CTAGCCTCAA	TCTTGTTCCA	GAAGATAAAA	1500
146 AGTAGTATTC	AAATGCACAT	CAACGTCTCC	ACTTGGAGGG	CTTAAAGACG	TTTCAACATA	1560
148 CAAACCGGGG	AGTTTTGCCT	GGAATGTTTC	CTAAAATGTG	TCCTGTAGCA	CATAGGGTCC	1620
150 TCTTGTTCCT	талалистал	TTACTTTAG	CCCAGTGCTC	ATCCCACCTA	TGGGGAGATG	1680
152 AGAGTGAAAA	GGGAGCCTGA	TTAATAATTA	CACTAAGTCA	ATAGGCATAG	AGCCAGGACT	1.740
154 GTTTGGGTAA	ACTGGTCACT	TTATCTTAAA	CTAAATATAT	CCAAAACTGA	ACATGTACTT	1800
156 AGTTACTAAC	TCTTTGACTT	TATCTCATTC	ATACCACTCA	GCTTTATCCA	GGCCACTTAT	1860
158 TTGACAGTAT	TATTGCGAAA	ACTTCCTAAC	TGGTCTCCTT	ATCATAGTCT	TATCCCCTTT	1920

DATE: 11/13/2000 TIME: 10:31:59 RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,591

Input Set : A:\Pto.amc
Output Set: N:\CRF3\ll132000\I509591.raw

160	TGAAACAAAA	GAGACAGTTT	CAAAATACAA	ATATGATTT	TATTAGCTCC	CTTTTGTTGT	1980
				CCATTTAAAA			2040
164	TGCCAACTTT	GCCAGGAATT	CCCAATATCT	AGTATTTTCT	ACTATTAAAC	TTTGTGCCTC	21.00
				GTGTGCATTG		CCGGTTGGTT	2160
				ACTATACCCT			2220
				GTTACTTCCT			2280
172				ATTCTACTAA			2340
1.74				CTCTGATTAG			2400
176				TTCCCATCCA			2460
				AACCCCATCT			2520
				GATTTATTTA			2580
				TGATAAAGAT			2640
				AGGGCAAAAA			2700
				CTCTGATCAT			2760
				TTGGAGGATG			2820
				GATAGAAAAG			2880
192				CACAACATAC			2940
				ATATATTTGT			3000
				TTTACATTTG			3060
				AGATGATATA			3120
				ТАТАТСТАТА			31.80
				AGACTTTATA			3240
204				TGGAACAAAT			3300
206				ACACTGTGAA			3360
208				CATAAAACTC			3420
210				TCCTTCATAA			3480
21.2				TAGAAGAACT			3540
21.4				CTACCTCTTT			3600
				CAAAACTTAG			3660
				TTGTACTTGA			3720
220				AAGTGCTACT			3780
222	TANATGTGTG			ATCTATTTT			3840
224	TTAAAAATT			TGCTCTTTCA			3900
224				CTAGAGAAAC			3960
228				TTTTTAGAGG			4020
230				CATGTATTGT			4080
				TTAAATATTC			4140
				CCATATTAAT			4200
234				TGAAACACCT			4260
238			ACAGATTCTG		TCTGGGTTAC		4320
240				CTAATGTGTA			4380
242	TAGACAGGGA			TTAGCATCCA			4440
				TGACCCACTT			4500
244				GCTTGTGCTC			4560
				ACCTTATTGA			4620
250				TATCAAGCAA			4680
				CTCTGAATTT			4740
254			AGTCTGAATT		TGTCTTGTGT		4800
256				ATGTATTTAG			4860
20	LOUDDING	LEGALOUILI	LILLODOLLILA				

DATE: 11/13/2000 TIME: 10:31:59 RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,591

Input Set : A:\Pto.amc
Output Set: N:\CRF3\11132000\1509591.raw

258 GCTGTCTTTT CTTTATGGCT TCATTAACTT AATTTGAGAG AAATTAATTA TTCTGCAACT	4920
260 TAGGGACAAG TCATGTCTTT GAATATTCTG TAGTTTGAGG AGAATATTTG TTATATTTGC	4980
262 AAAATAAAAT AAGTTTGCAA GTTTTTTTTT TCTGCCCCAA AGAGCTCTGT GTCCTTGAAC	5040
264 ATAAATACA AATAACCGCT ATGCTGTTAA TTATTGGCAA ATGTCCCATT TTCAACCTAA	51.00
266 GGAAATACCA TAAAGTAACA GATATACCAA CAAAAGGTTA CTAGTTAACA GGCATTGCCT	5160
268 GAAAGAGTA TAAAAGAATT TCAGCATGAT TTTCCATATT GTGCTTCCAC CACTGCCAAT	5220
270 AACA	5224
272 (2) INFORMATION FOR SEQ ID NO: 3:	
274 (i) SEQUENCE CHARACTERISTICS:	
275 (A) LENGTH: 19 base pairs	
276 (B) TYPE: nucleic acid	
277 (C) STRANDEDNESS: single	
278 (D) TOPOLOGY: linear	
280 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:	
282 TCGTCTTCAA GAATTCTCA	19
284 (2) INFORMATION FOR SEQ ID NO: 4:	
286 (i) SEQUENCE CHARACTERISTICS:	
287 (A) LENGTH: 20 base pairs	
288 (B) TYPE: nucleic acid	
289 (C) STRANDEDNESS: single	ŧ
290 (D) TOPOLOGY: linear	
292 (xi) SEQUENCE DESCRIPTION: SEQ TD NO: 4:	
294 TTTCAGTCAC CGGTGTCGGA	20
299 (2) INFORMATION FOR SEQ ID NO: 5:	
301 (i) SEQUENCE CHARACTERISTICS:	
302 (A) LENGTH: 20 base pairs	
303 (B) TYPE: nucleic acid	
304 (C) STRANDEDNESS: single	
305 (D) TOPOLOGY: linear	
307 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:	
309 GCATTCTCTA GACACAGGTG	20
311 (2) INFORMATION FOR SEQ ID NO: 6:	
313 (i) SEQUENCE CHARACTERISTICS:	
314 (A) LENGTH: 20 base pairs	
315 (B) TYPE: nucleic acid	
316 (C) STRANDEDNESS: single	
317 (D) TOPOLOGY: linear	
319 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:	0.0
321 TCCGACACCG GTGACTGAAA	20
323 (2) INFORMATION FOR SEQ TD NO: 7:	
325 (i) SEQUENCE CHARACTERISTICS:	
326 (A) LENGTH: 21 base pairs	
327 (B) TYPE: nucleic acid	
328 (C) STRANDEDNESS: single	
329 (D) TOPOLOGY: linear	
331 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:	21
333 GCCCACGGCC GCATTATATA C	21
335 (2) INFORMATION FOR SEQ ID NO: 8:	
337 (i) SEQUENCE CHARACTERISTICS:	

RAW SEQUENCE LISTINGPATENT APPLICATION: US/09/509,591

DATE: 11/13/2000

TIME: 10:31:59

Input Set : A:\Pto.amc
Output Set: N:\CRF3\11132000\I509591.raw

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338
               (A) LENGTH: 21 base pairs
               (B) TYPE: nucleic acid
340
               (C) STRANDEDNESS: single
               (D) TOPOLOGY: linear
341
343
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
345 GTATATAATG CGGCCGTGGG C
                                                                              21
348 (2) INFORMATION FOR SEQ 1D NO: 9:
         (i) SEQUENCE CHARACTERISTICS:
350
351
               (A) LENGTH: 21 base pairs
               (B) TYPE: nucleic acid
               (C) STRANDEDNESS: single (D) TOPOLOGY: linear
353
354
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
356
358 CCAGAAAATC CAGCAGGTAC C
360 (2) INFORMATION FOR SEQ ID NO: 10:
         (i.) SEQUENCE CHARACTERISTICS:
362
363
               (A) LENGTH: 29 base pairs
               (B) TYPE: nucleic acid
               (C) STRANDEDNESS: single
365
               (D) TOPOLOGY: linear
366
        (xi.) SEQUENCE DESCRIPTION: SEQ 1D NO: 10:
368
370 GTGACCGGTG CATTGCTGTG AACTCTGTA
                                                                              29
372 (2) INFORMATION FOR SEQ ID NO: 11:
374
         (i) SEQUENCE CHARACTERISTICS:
375
              (A) LENGTH: 27 base pairs
376
               (B) TYPE: nucleic acid
377
               (C) STRANDEDNESS: single
              (D) TOPOLOGY: linear
378
380
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
382 ATAAGTGGCC TGGATAAAGC TGAGTGG
                                                                              27
384 (2) INFORMATION FOR SEQ ID NO: 12:
         (i) SEQUENCE CHARACTERISTICS:
386
               (A) LENGTH: 28 base pairs
387
388
               (B) TYPE: nucleic acid
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              (C) STRANDEDNESS: single
              (D) TOPOLOGY: linear
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
392
394 GTCACCGGTC TTTGTTATTG GCAGTGGT
                                                                              28
397 (2) INFORMATION FOR SEQ ID NO: 13:
         (i) SEQUENCE CHARACTERISTICS:
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              (A) LENGTH: 30 base pairs
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401
               (B) TYPE: nucleic acid
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              (C) STRANDEDNESS: single
              (D) TOPOLOGY: linear
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
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407 ATCCAGGCCA CTTATGAGCT CTGTGTCCTT
                                                                              3.0
409 (2) INFORMATION FOR SEQ ID NO: 14:
4.1.1.
         (i) SEQUENCE CHARACTERISTICS:
4.12
              (A) LENGTH: 26 base pairs
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/509,591

DATE: 11/13/2000 TIME: 10:32:00

Input Set : A:\Pto.amc
Output Set: N:\CRF3\11132000\I509591.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:] L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]



1632

RAW SEQUENCE LISTING DATE: 11/06/2000 PATENT APPLICATION: US/09/509,591 TIME: 12:25:12

Input Set : A:\#523643 v1 - 34802-20004.20 App. 09509591.txt

Output Set: N:\CRF3\11062000\I509591.raw

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Does Not Comply
                     SEQUENCE LISTING
                                                                                 Corrected Diskette Needed
      3 (1) GENERAL INFORMATION:
             (i) APPLICANT: Little, Andrew
      6
                            Lamparski, Henry
      7
                            Schuur, Eric
                            Henderson, Daniel
     1.0
            (ii) TITLE OF INVENTION: ADENOVIRUS VECTORS SPECIFIC FOR CELLS
                                     EXPRESSING ALPHA-FETOPROTEIN AND METHODS OF USE THEREOF
     11
           (iii) NUMBER OF SEQUENCES: 23
     13
     1.5
            (iv) CORRESPONDENCE ADDRESS:
     16
                  (A) ADDRESSEE: MORRISON & FOERSTER
                  (B) STREET: 755 PAGE MILL ROAD
     17
     18
                  (C) CITY: PALO ALTO
                  (D) STATE: CA
     20
                  (E) COUNTRY: USA
                  (F) ZIP: 94304-1018
     21
     23
             (V) COMPUTER READABLE FORM:
     24
                  (A) MEDIUM TYPE: Floppy disk
                  (B) COMPUTER: IBM PC compatible
                  (C) OPERATING SYSTEM: PC-DOS/MS-DOS
     26
     27
                  (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
     29
            (vi) CURRENT APPLICATION DATA:
                  (A) APPLICATION NUMBER: US/09/509,591
C--> 30
                  (B) FILING DATE: 02-Jun-2000
C--> 31
     32
                  (C) CLASSIFICATION:
           (vii) PRIOR APPLICATION DATA:
     34
                  (A) APPLICATION NUMBER: PCT/US98/04084
     35
     36
                  (B) FILING DATE: 03-MAR-1998
          (viii) ATTORNEY/AGENT INFORMATION:
     38
     39
                  (A) NAME: POLIZZI, CATHERINE M.
     40
                  (B) REGISTRATION NUMBER: 40,130
     41.
                  (C) REFERENCE/DOCKET NUMBER: 348022000420
            (ix) TELECOMMUNICATION INFORMATION:
     43
     44
                  (A) TELEPHONE: (650) 813-5600
     45
                  (B) TELEFAX: (650) 494-0792
                  (C) TELEX: 706141 MRSNFOERS SFO
ERRORED SEQUENCES
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549 (2) INFORMATION FOR SEQ LD NO: 23:
         (i) SEQUENCE CHARACTERISTICS:
551
552
              (A) LENGTH: 101 amino acids
553
              (B) TYPE: amino acid
              (D) TOPOLOGY: linear
554
        (ii) MOLECULE TYPE: protein
556
558
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/509,591

DATE: 11/06/2000 TIME: 32:25:12

Input Set : A:\#523643 v1 - 34802-20004.20 App. 09509591.txt

Output Set: N:\CRF3\11062000\1509591.raw

560 Met Thr Gly Ser Thr 11e Ala Pro Thr Thr Asp Tyr Arg Asn Thr Thr 561. 1 5 10 15 561, 1 563 Ala Thr Gly Leu Thr Ser Ala Leu Asn Leu Pro Gln Val His Ala Phe 20 25 30 566 Val Asn Asp Trp Ala Ser Leu Asp Met Trp Trp Phe Ser Ile Ala Leu 567 . 40 . 45569 Met Phe Val Cys Leu Ile The Met Trp Leu Ile Cys Cys Leu Lys Arg 572 Arg Arg Ala Arg Pro Pro Ile Tyr Arg Pro Ile Ile Val Leu Asn Pro 75 573 65 70 575 His Asn Glu Lys Ile His Arg Leu Asp Gly Leu Lys Pro Cys Ser Leu 576 85 90 578 Leu Leu Gln Tyr Asp 579 100

579 E--> 585 1 E--> 589 1 VERIFICATION SUMMARY

PATENT APPLICATION: US/09/509,591

DATE: 11/06/2000 TIME: 12:25:13

Input Set : A:\#523643 v1 - 34802-20004.20 App. 09509591.txt

Output Set: N:\CRF3\11062000\I509591.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:] L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:] L:585 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:23

M:332 Repeated in SeqNo-23 L:589 M:330 E: (2) Invalid Amino Acid Designator, 1

L:589 M:203 E: No. of Seq. differs, LENGTH:Input:101 Found:102 SEQ:23